

WHAT IS CLAIMED IS:

1. A magnetic switch, comprising:  
magnetism detecting means having a Hall element that  
5 faces a magnet through a gap; and  
magnetism shielding means provided so as to freely  
enter and exit the gap,  
wherein the external surface of the magnetism  
detecting means is covered with a case made of a magnetic  
10 material.
2. The magnetic switch according to Claim 1,  
wherein the magnetism shielding means is made of a  
magnetic material.  
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3. The magnetic switch according to Claim 1, further  
comprising:  
a stationary rail fixed to a floor;  
a movable rail guided by the stationary rail and  
20 provided so as to be freely movable; and  
a seat fixed to the movable rail and capable of being  
moved back and forth along with the movable rail,  
wherein the magnetism detecting means is provided in  
either the stationary rail or the movable rail, and the  
25 magnetism shielding means is provided in the other.
4. The magnetic switch according to Claim 1, further  
comprising:

a vehicle body; and  
a stand for supporting the vehicle body, ,  
wherein the magnetism detecting means is provided in  
either the vehicle body or the stand, or the magnetism  
5 shielding means is provided in the other.

5. The magnetic switch according to Claim 1,  
wherein the magnet and the Hall element are  
integrally received in the case.

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